

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
27 October 2005 (27.10.2005)

PCT

(10) International Publication Number
WO 2005/101289 A1(51) International Patent Classification:
G06K 7/00 (2006.01) G06K 19/07 (2006.01)(21) International Application Number:
PCT/JP2005/007194

(22) International Filing Date: 7 April 2005 (07.04.2005)

(25) Filing Language: English

(26) Publication Language: English

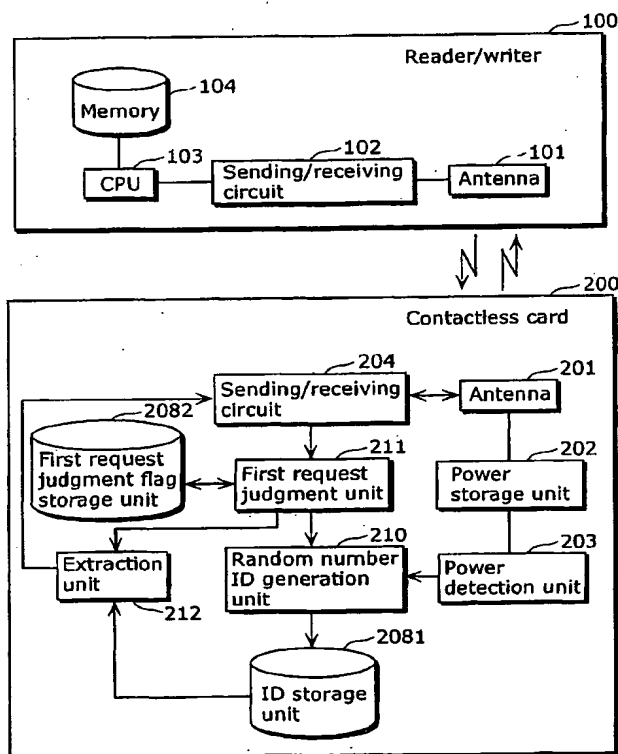
(30) Priority Data:
2004-118807 14 April 2004 (14.04.2004) JP(71) Applicant (for all designated States except US): MAT-
SUSHITA ELECTRIC INDUSTRIAL CO., LTD.
[JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka
5718501 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): NAKABE, Futoshi.
UEDA, Eiji.(74) Agent: NII, Hiromori; c/o NII Patent Firm, 6F, Tanaka
Ito Pia Shin-Osaka Bldg., 3-10, Nishi Nakajima 5-chome,
Yodogawa-ku, Osaka-city, Osaka 5320011 (JP).(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM,
PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN,
YU, ZA, ZM, ZW.(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: CONTACTLESS CARD



(57) Abstract: The present invention aims at providing a contactless card that enables a reader/writer to identify which card such reader/writer is communicating with in a set of card identification processes and that improves the possibility of protecting the cardholder's privacy. Contactless card (200) includes: power detection unit (203); random number ID generation unit (210) that determines an identifier that identifies card (200), every time power detection unit (203) detects that electric power has been supplied; ID storage unit (2081) that holds the determined identifier; sending/receiving circuit (204) that receives a command requesting that the identifier that identifies card (200) should be sent to reader/writer (100), and sending/receiving circuit (204) sends, to reader/writer (100), the determined identifier in the case where the received command is a first-received command, and the held identifier in the case where the received command is a second- or later-received command.

WO 2005/101289 A1



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(48) Date of publication of this corrected version:

22 November 2007

(15) Information about Correction:

see PCT Gazette No. 47/2007 of 22 November 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.